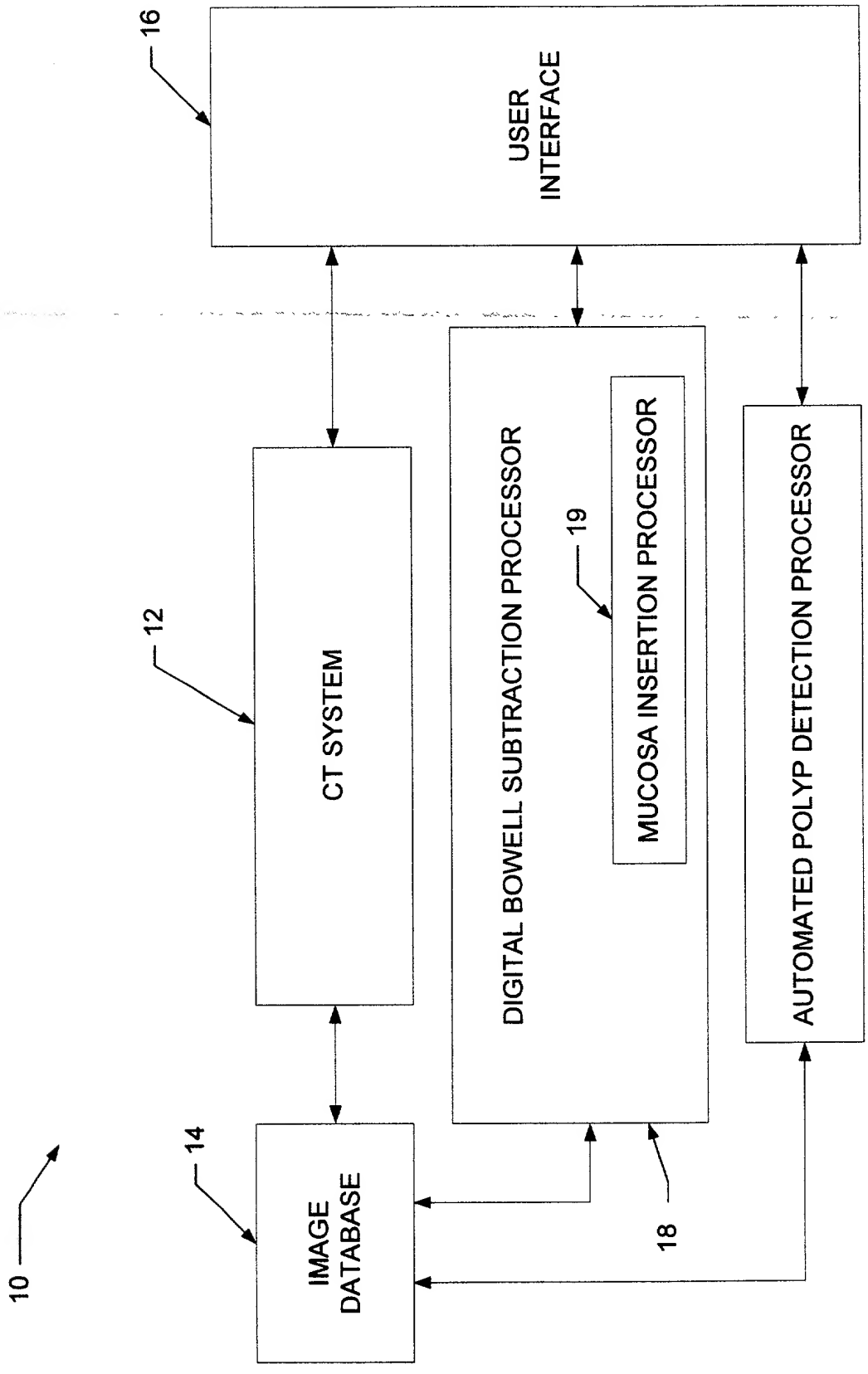

16
USER INTERFACE
12
CT SYSTEM
DIGITAL BOWELL SUBTRACTION PROCESSOR
19
MUCOSA INSERTION PROCESSOR
AUTOMATED POLYP DETECTION PROCESSOR
14
IMAGE DATABASE
10
18
20

FIG. 1

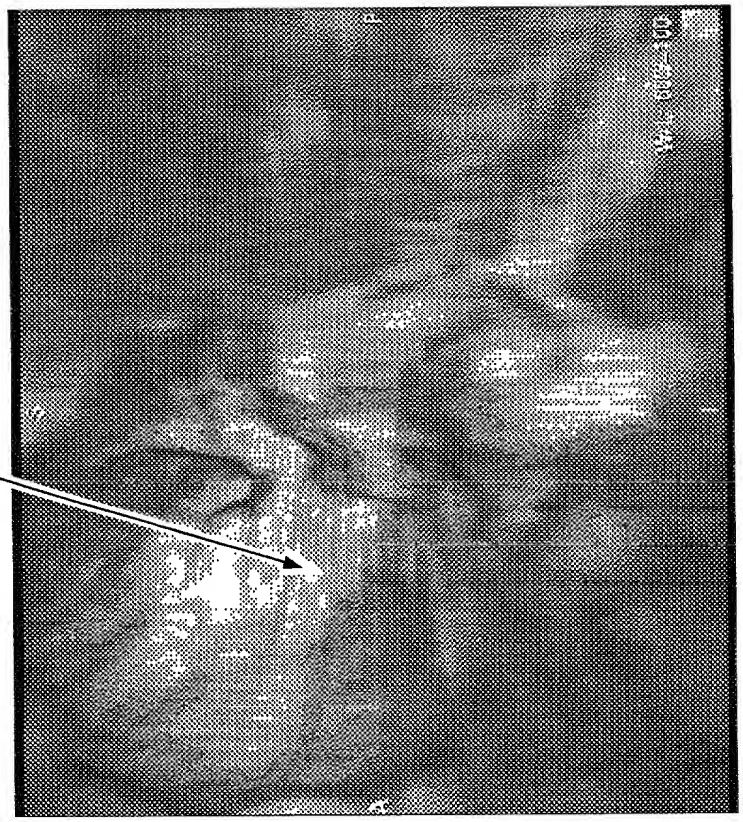


FIG. 1B

19B

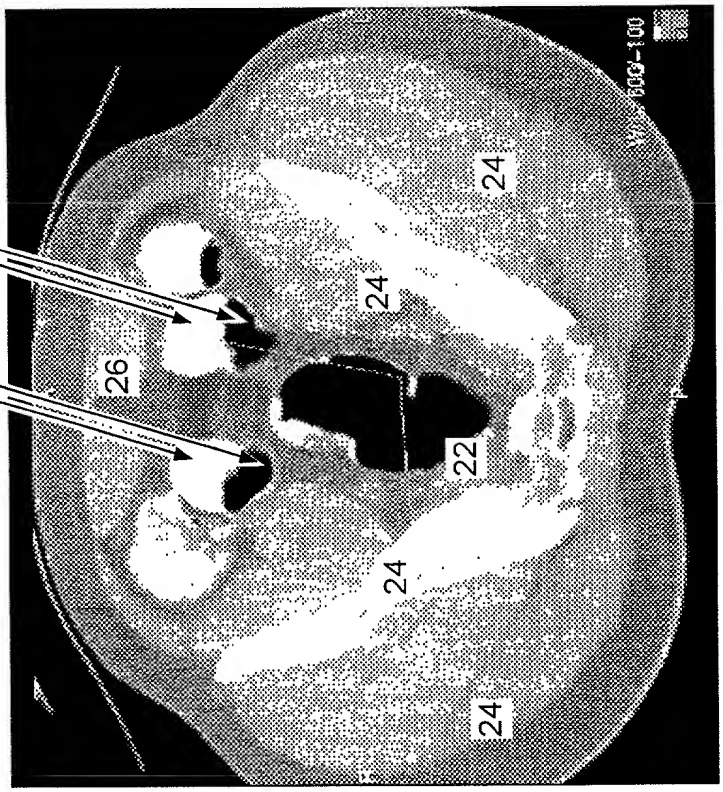
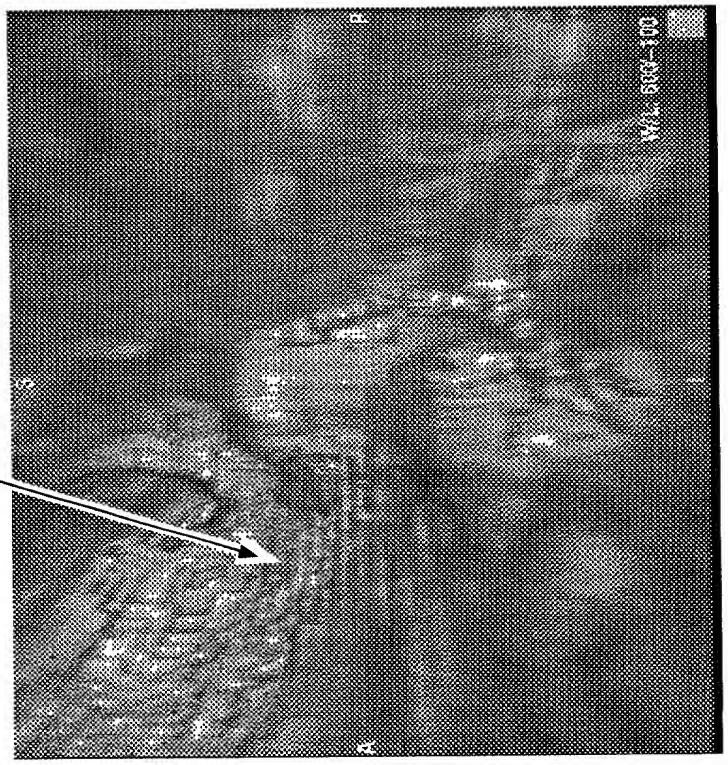


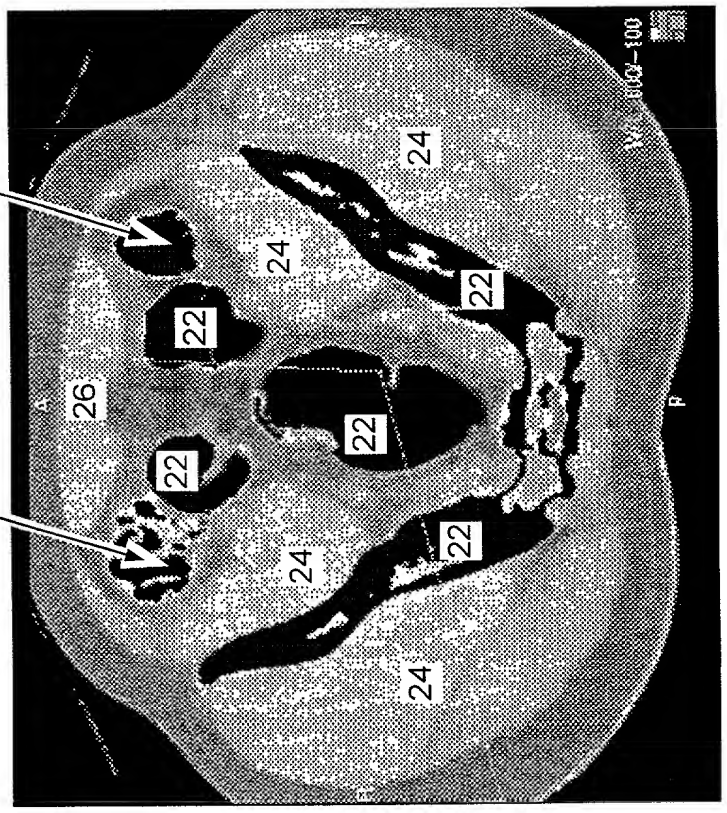
FIG. 1A

19A



19D

FIG. 1D



19C

FIG. 1C

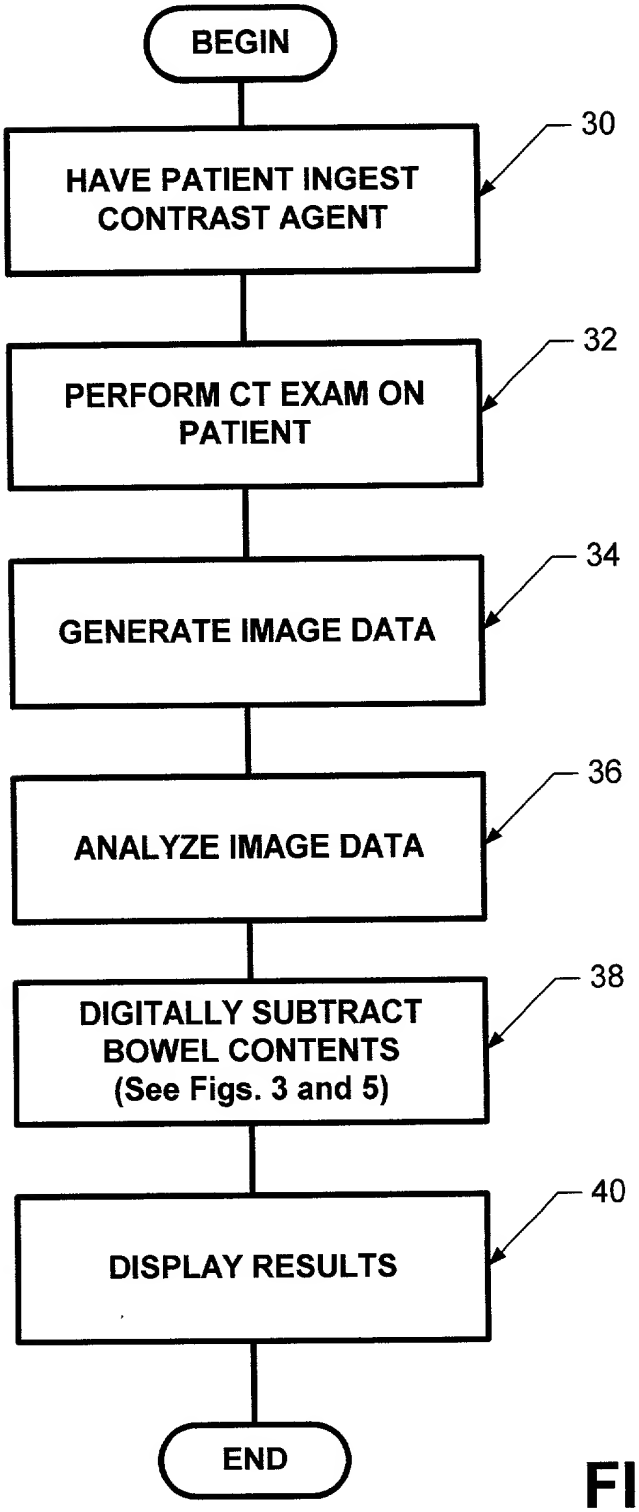


FIG. 2

Petitioner's Exhibit 1004
Page 4 of 21

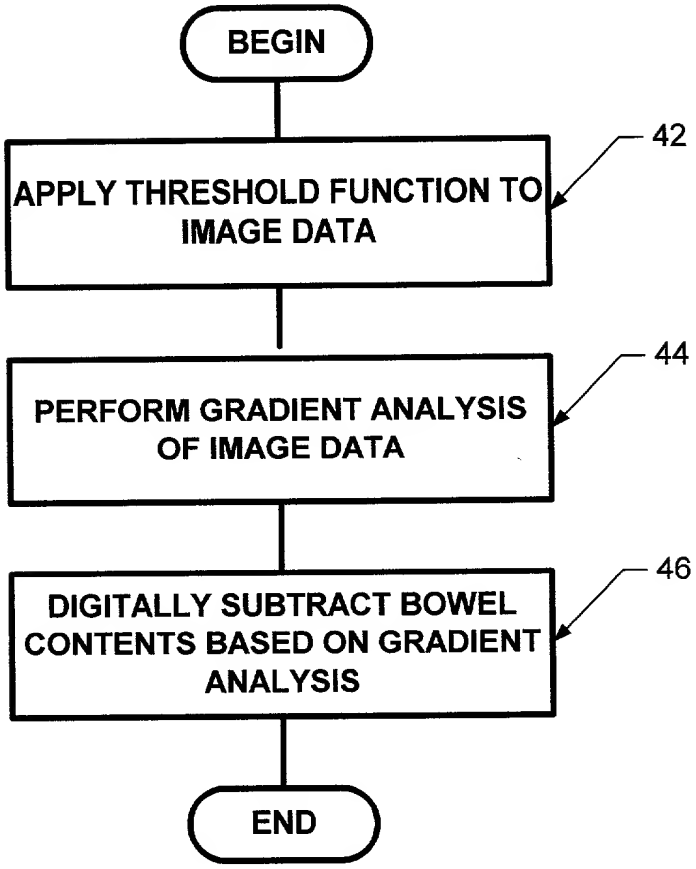

BEGIN
APPLY THRESHOLD FUNCTION TO IMAGE DATA
42
PERFORM GRADIENT ANALYSIS OF IMAGE DATA
44
DIGITALLY SUBTRACT BOWEL CONTENTS BASED ON GRADIENT ANALYSIS
46
END

FIG. 3

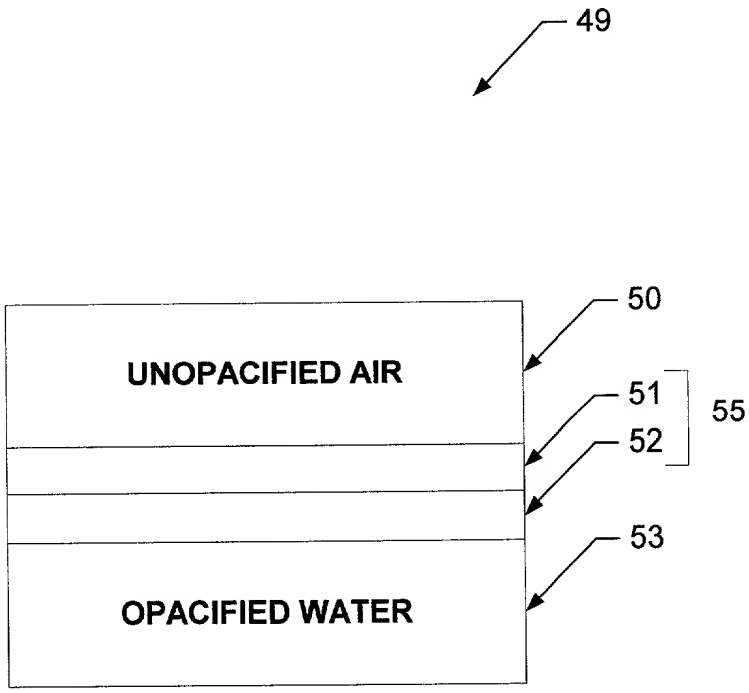


FIG. 4

Docket # 0606-0040

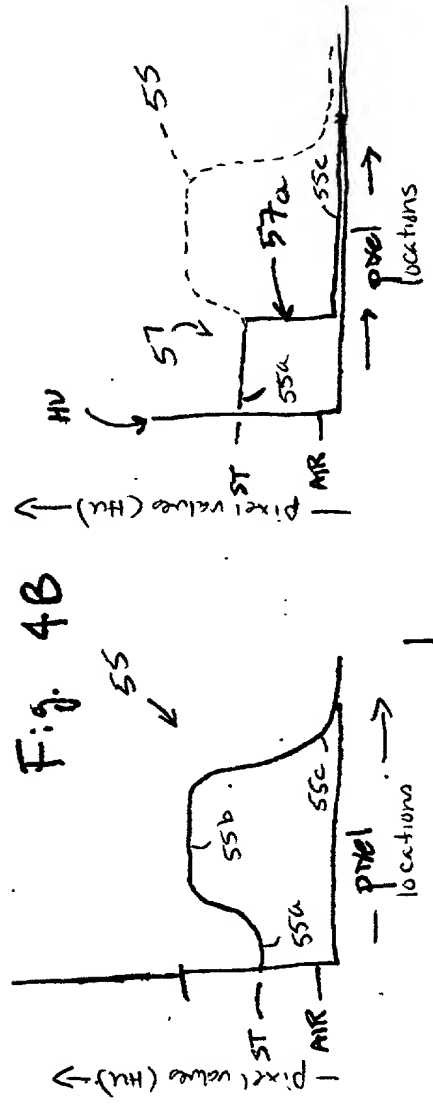


Fig. 4A

Fig. 4B

Fig. 4C

09828268 - 042003

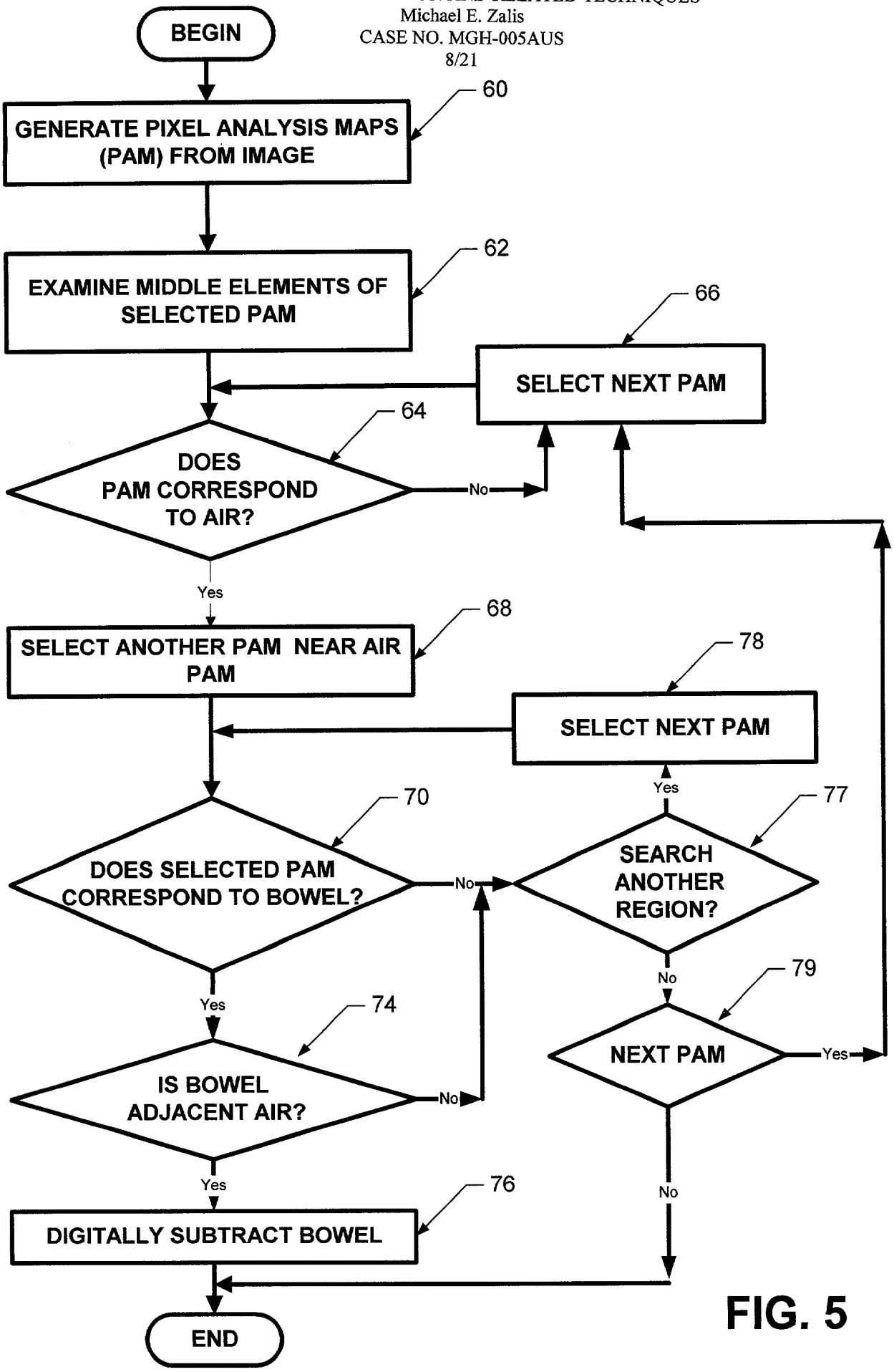


FIG. 5

7,posb4b0 - 95/95/2006

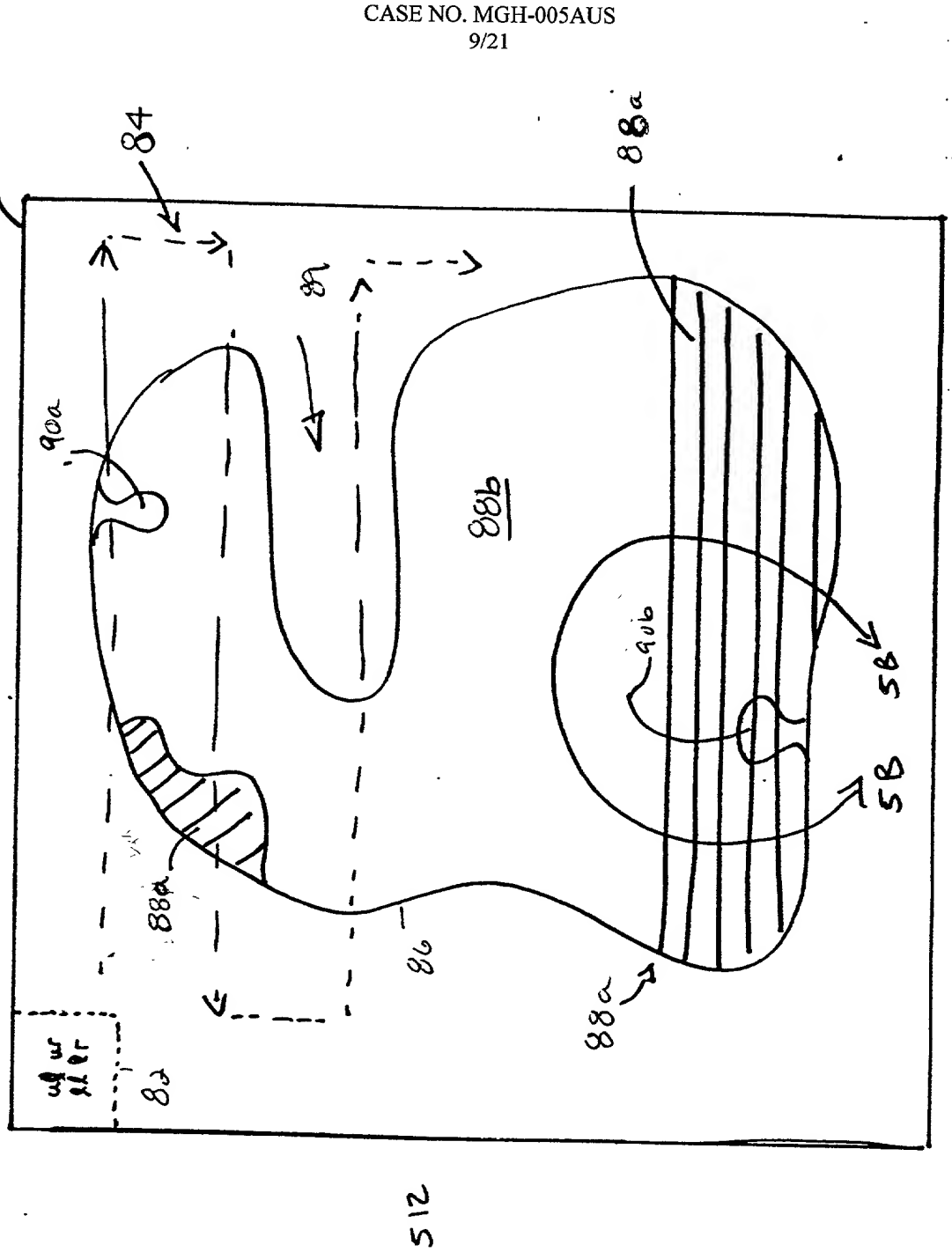


Fig. 5A

10604040 - 09/26/2005

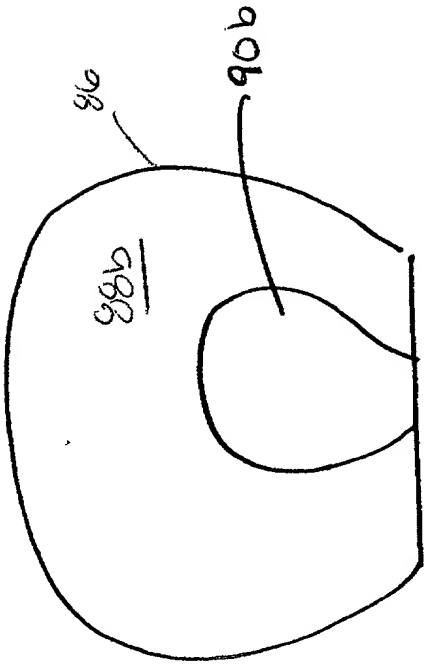


FIG 5C

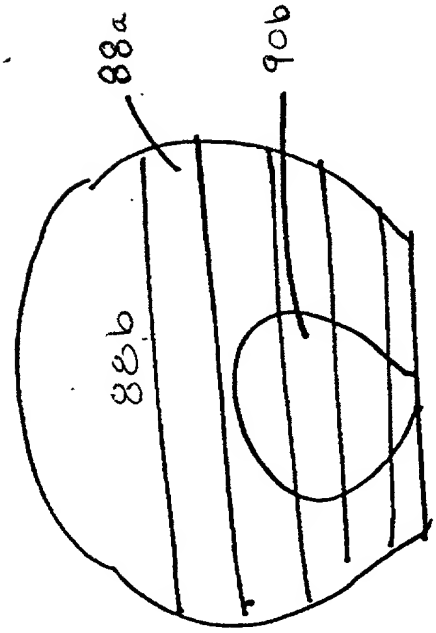


FIG. 5B

09829569 - 040502

82'

NW			**Nl**		**Nr**		**NE**
	nw **x**	**NL** **x**	**Nl** **x**	**Nr** **X**	**nR** **x**	**ne** **x**	
	Uw **x**	**UL** **o**	**Ul** **o**	**Ur** **o**	**UR** **o**	**Ue** **x**	
uW	**uw** **x**	**uL** **o**	**ul** **91a**	**ur** **91b**	**uR** **o**	**ue** **x**	**uE**
lW	**lw** **x**	**lL** **o**	**ll** **91c**	**lr** **91d**	**lR** **o**	**le** **x**	**lE**
	Lw **x**	**LL** **o**	**Ll** **o**	**Lr** **o**	**LR** **o**	**Le** **x** 92	
SW			**Sl**	**Sr**			**SE**
-							

Fig. 5D

9898868-040504

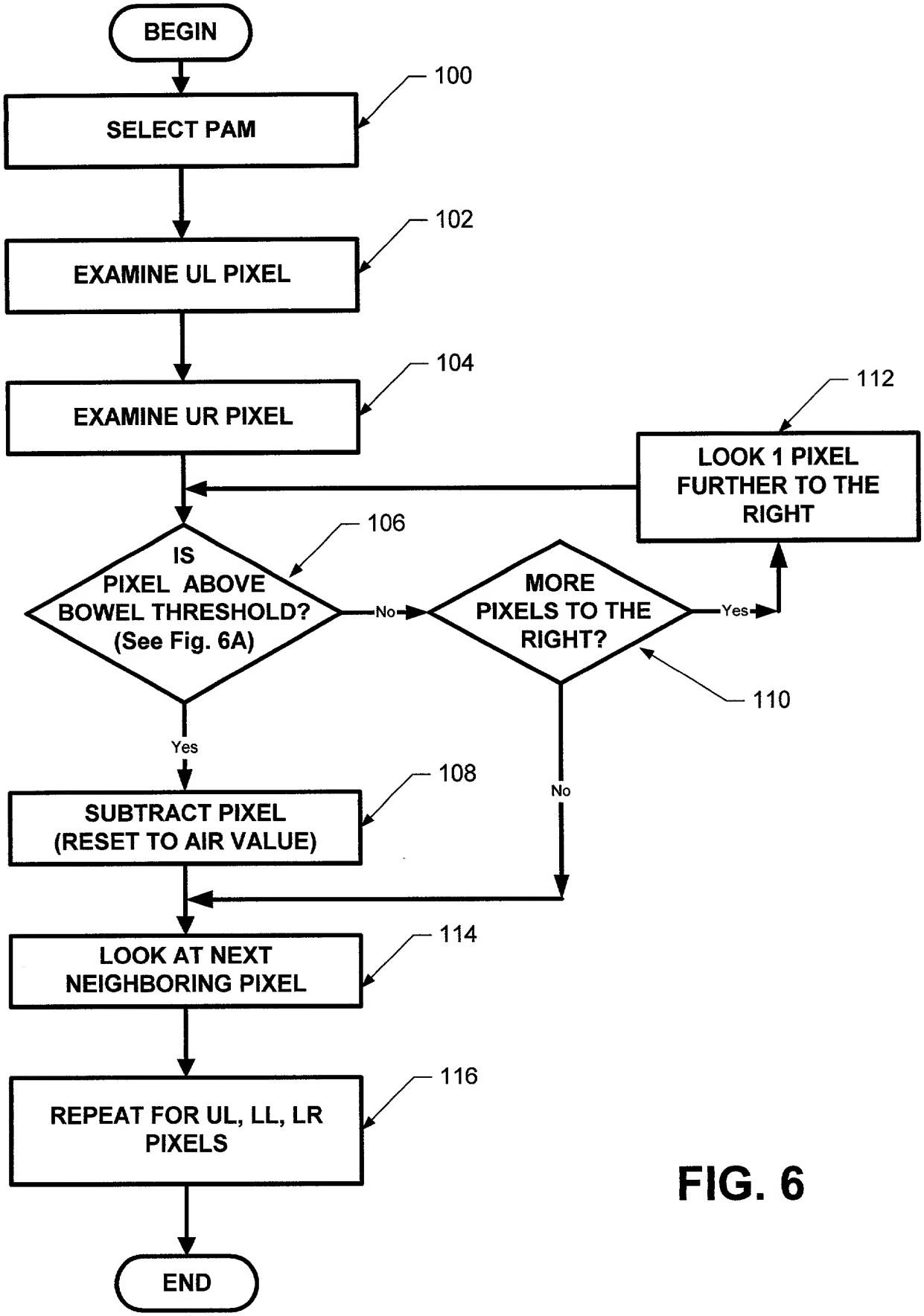


FIG. 6

Petitioner's Exhibit 1002 - Page 0060

Fig. 6A

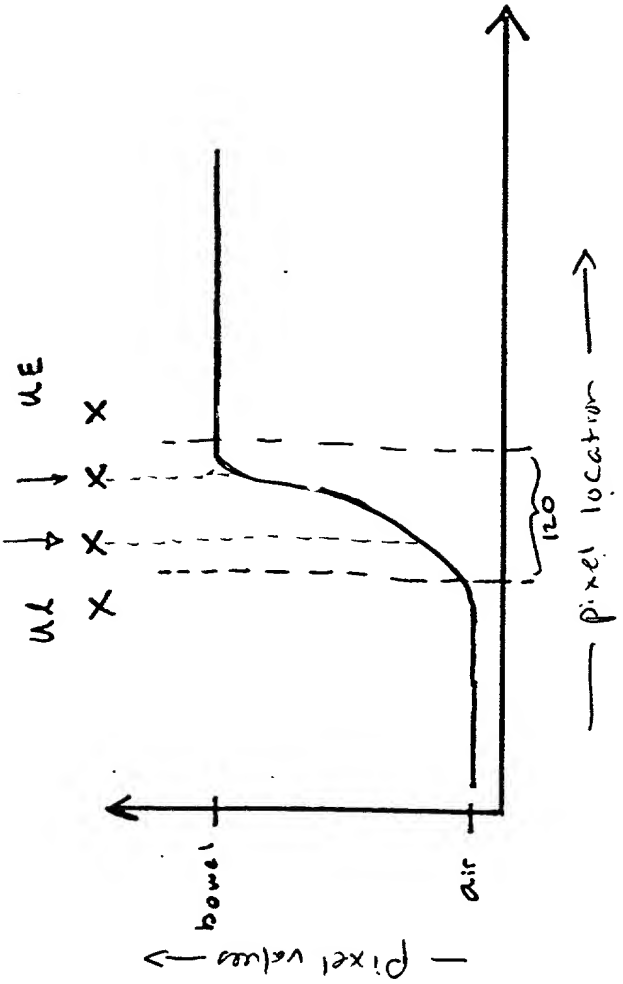
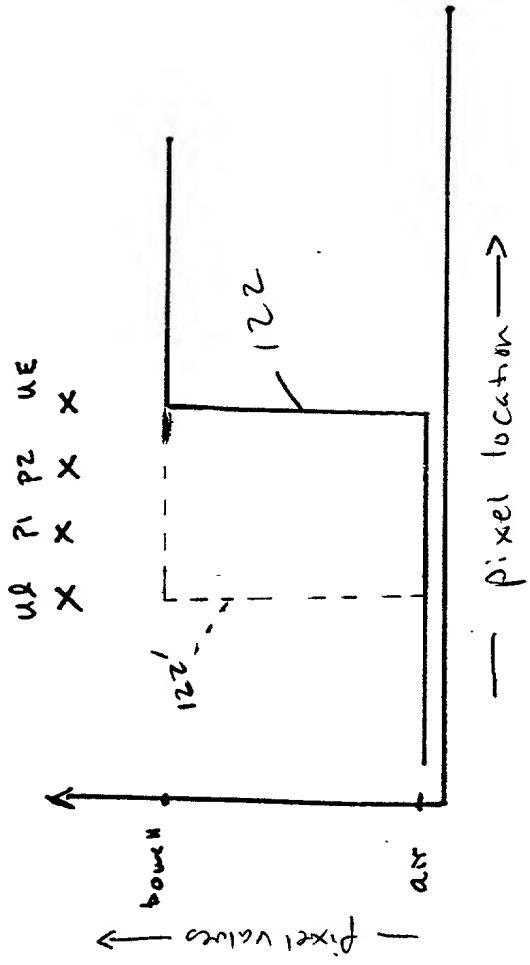

UE
P2
P1
UL
120
pixel location
pixel value
bowel
air

Fig. 6B


UE
P2
P1
UL
122
121
pixel location
pixel value
bowel
air

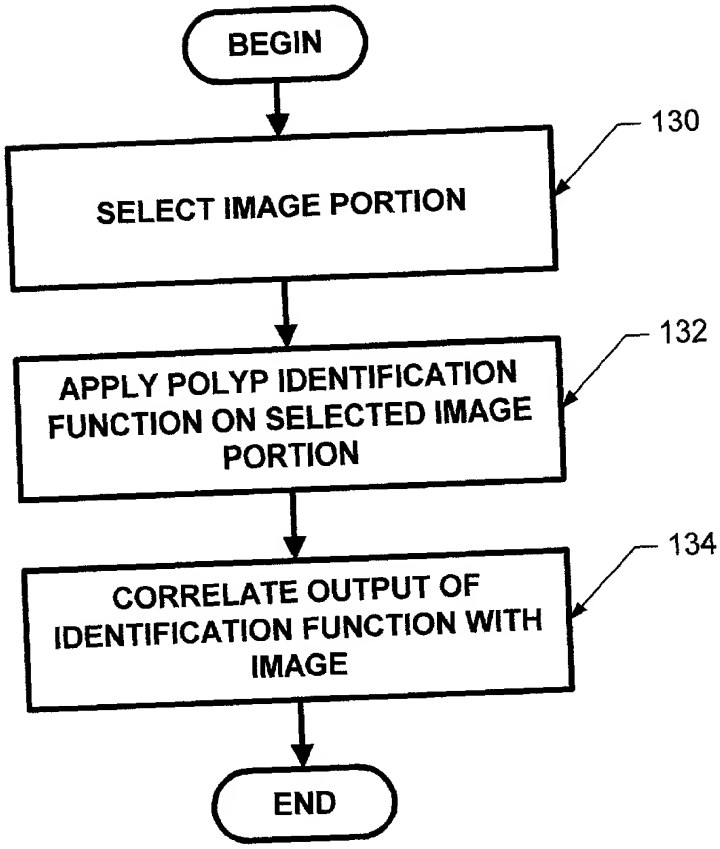


FIG. 7

Patent Application Publication

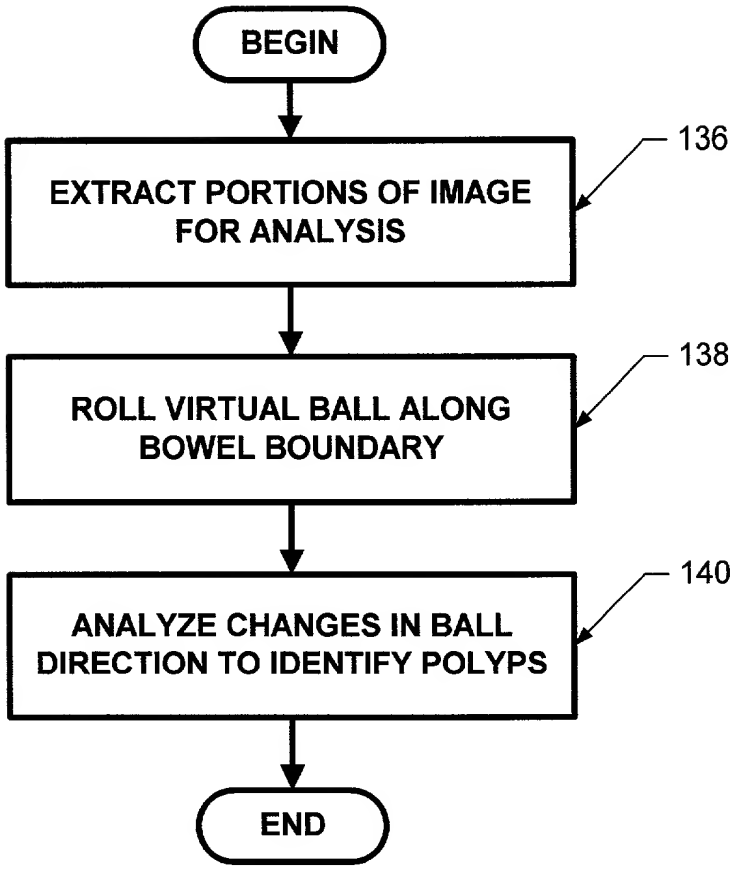


FIG. 8

09626268 - 040502

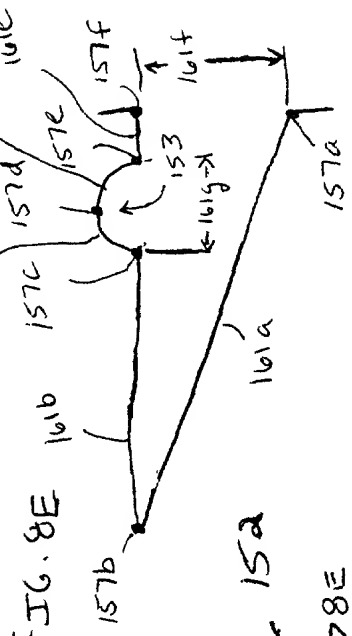


FIG. 8E

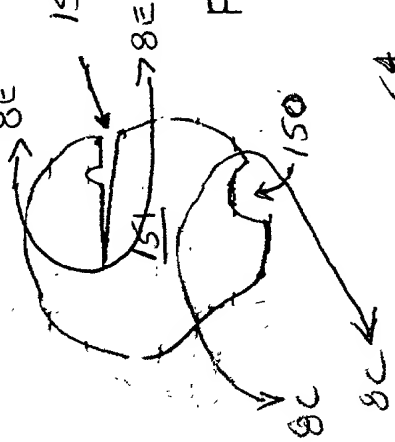


FIG. 8B

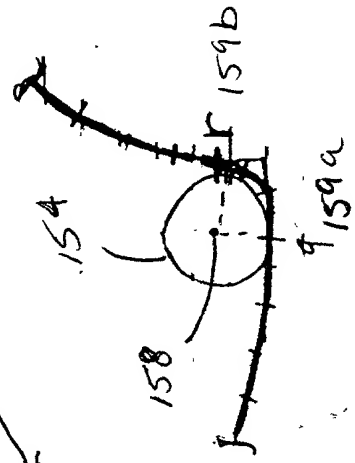


FIG. 8D

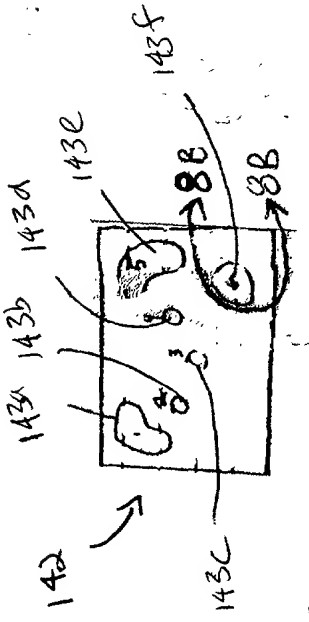


Fig. 8A

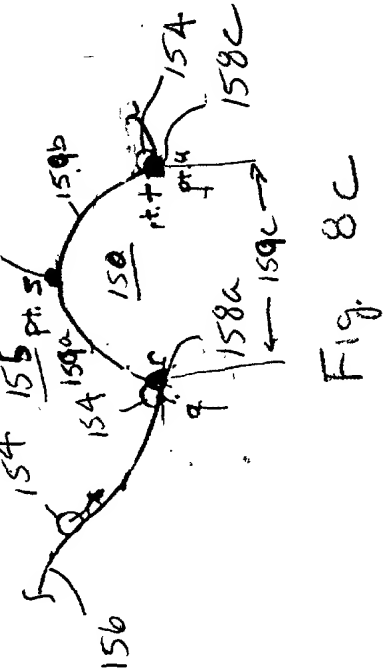


Fig. 8C

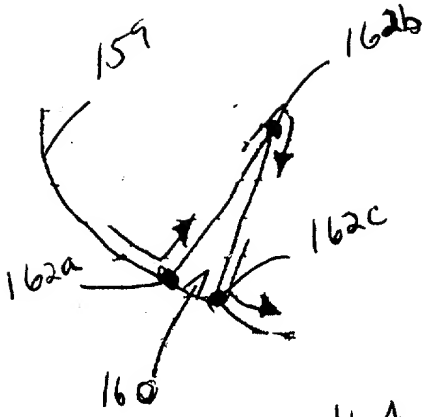


Fig. 8F

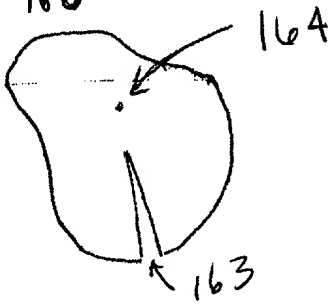


Fig. 8G

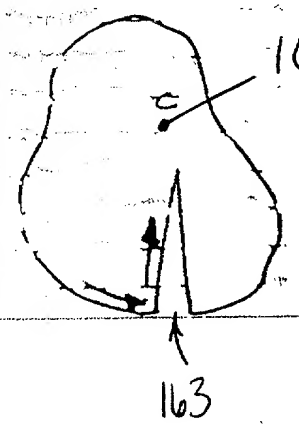


Fig. 8H

09609609 - 042601

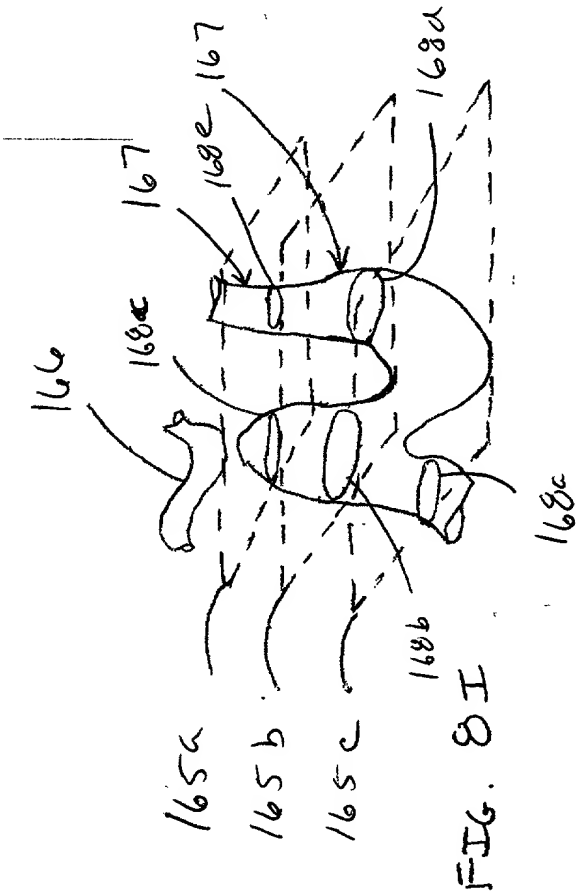


FIG. 8I

0960960 · 040660

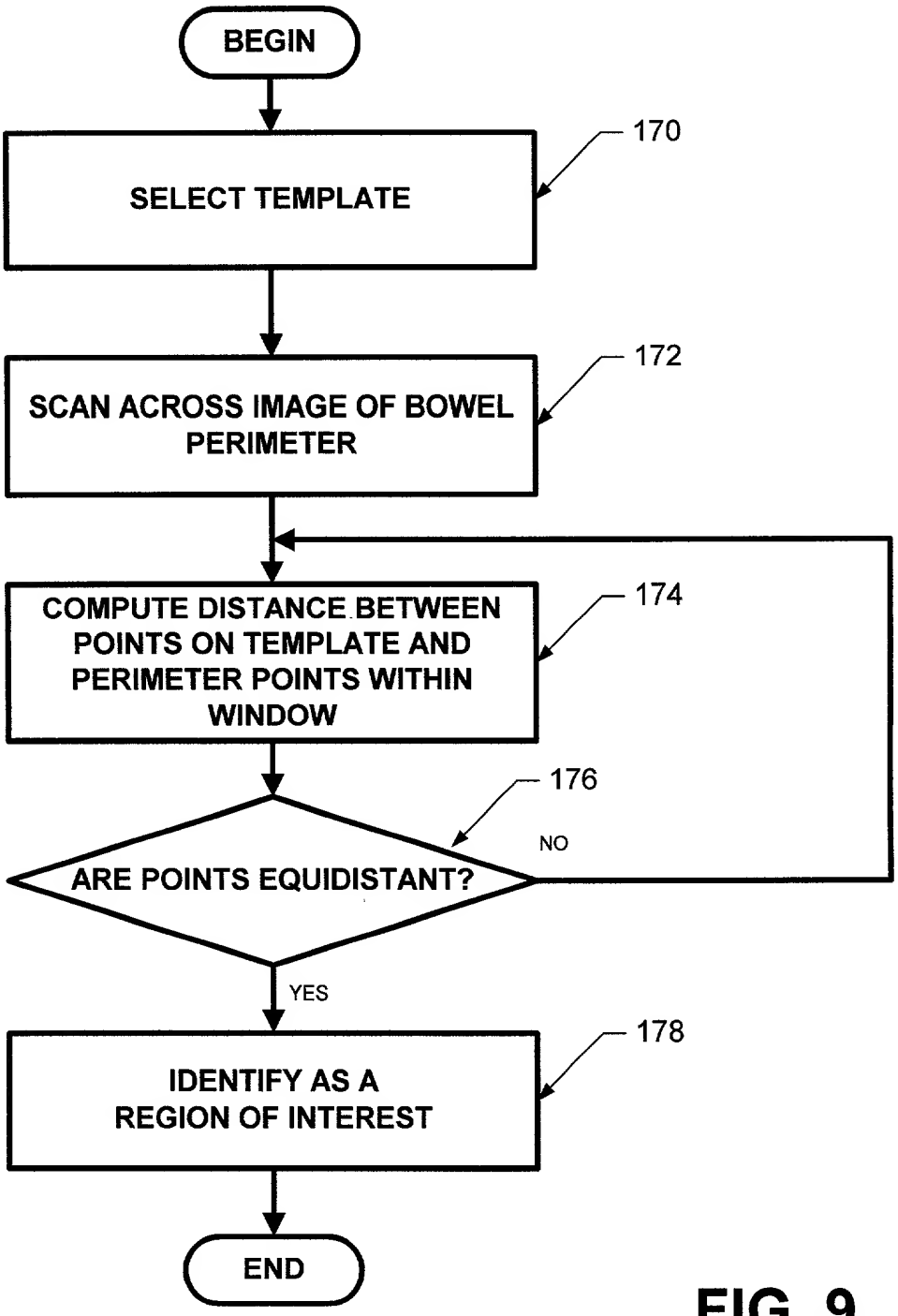


FIG. 9

0968268 - 040604

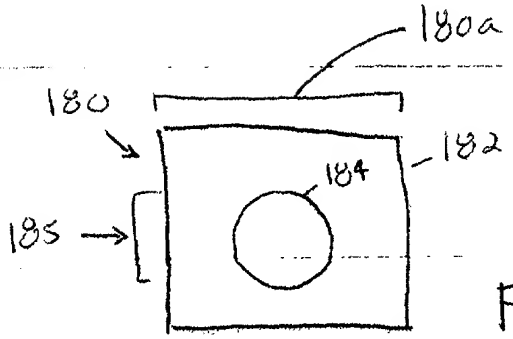


Fig. 9A

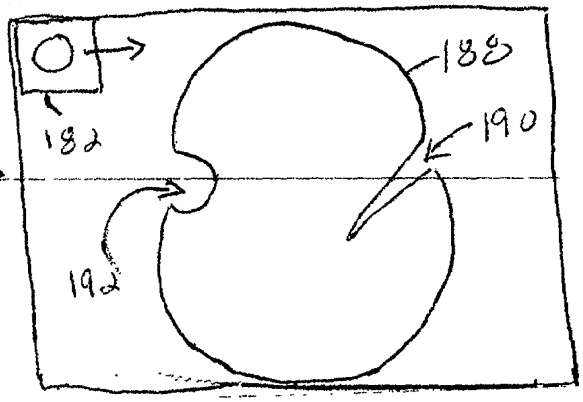


Fig. 9B

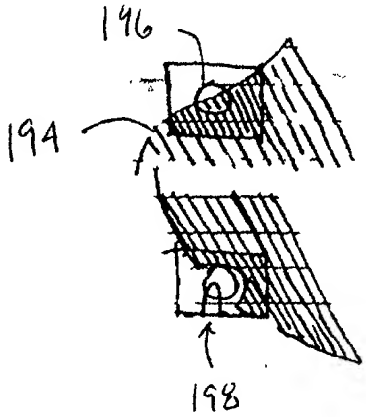


Fig. 9C

Fig. 9D

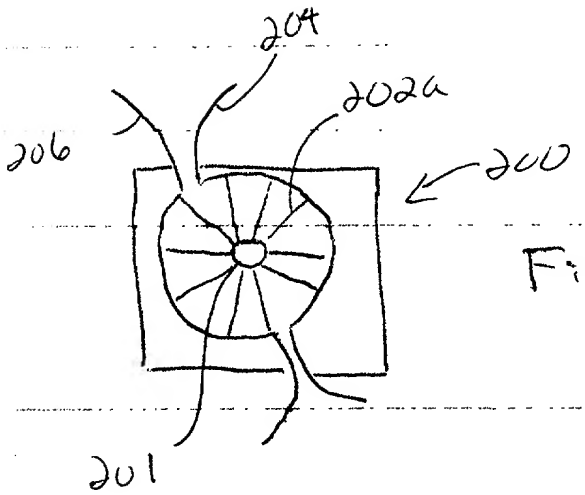


Fig. 9E

10/050,966 - 01/16/02

Fig. 9G

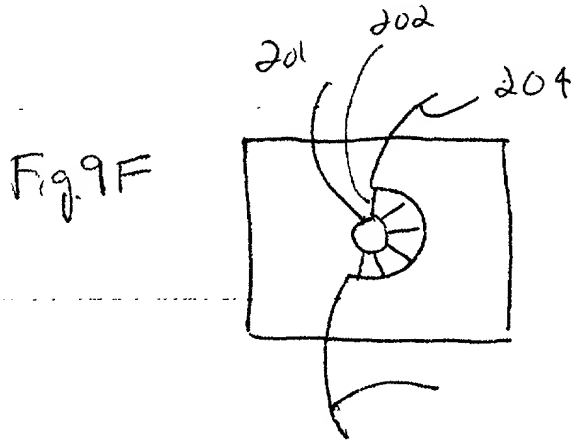
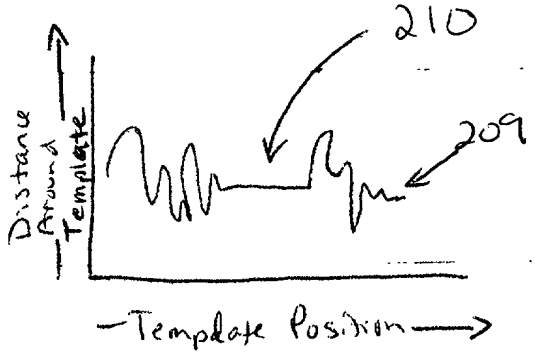



Fig. 9F